

Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.43	K/W
	Cth ₁	2.727E-04 F		4	tj	
	Cth ₂	1.961E-03 F		↓	<u> </u>	
	Cth ₃	1.472E-03 F		- I -	<u> </u>	
	Cth ₄	5.515E-03 F				1
	Cth ₅	1.889E-02 F		L		•
	Cth ₆	3.370E-02 F				
	Cth ₇	7.373E-01 F		Г	-	
	Cth ₈	2.812E+02 F			$\int Rth_2 + Cth_2$	2
	Rth₁	3.269E-04 Ω				
	Rth ₂	6.428E-04 Ω		Г		
	Rth ₃	7.505Ε-03 Ω			Rth3 Cth	3
	Rth ₄	1.817E-02 Ω		L L	┎╧╺╋╼╌╴┥	
	Rth₅	6.176E-02 Ω			\	
	Rth ₆	2.678E-01 Ω				4
	Rth ₇	7.287Ε-02 Ω		L l		4
	Rth ₈	6.467E-04 Ω	((Р)		
				\int		5
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						6
						7
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Part:	BUK9E1R6-30E			ſ		_
Date:	11/4/2013					8
Rth	0.43 K/W					
				Ţ	t _{amb}	
				V	001aal76	8

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